

Inscimm changeover meeting held

By Mark Belotin

The 1966-67 Institute Committee formally ended its duties Sunday night when it handed the reins of student government over to the new members of Inscimm. Aside from the change-over, the major order of business was the election of Chairmen of Finance Board and Secretariat.

Final reports

Before handing over control to the new Inscimm, the old committee tied up a few loose ends

that had been left hanging from the past year. Final reports of the subcommittees of Inscimm were presented. Among these was Activities Council, which announced upcoming report on the space needs and demands of organizations on the activities floor of the Student Center.

George Piccagli '67, chairman of the Student Committee on Environment, reported on the committee's first year of existence and presented suggestions for improving the work of the commit-

New Inscimm

At this point, the new members of Inscimm were introduced and took over. The voting members of Inscimm are: Bob Horvitz, '68

(Please turn to Page 3)

3,644 new applicants

Admissions office reveals class of '70 statistics

By Karen Watte!

3,644 students have applied to MIT for admission to the class of 1971 with about a hundred more applicants still expected, mostly from overseas. 266 of the applicants were girls.

Under its December admission plan 194 boys and 18 girls have already been granted admission. On March 31, the MIT admissions

office will send out letters of acceptance to another 1200 boys and 75 girls hoping to make up a class of 875 boys and 50 girls.

922 accept last year

Last year 3728 final applications were filed for places in the class of 1970. 1423 were offered places in the class and 922 accepted. The largest percentage of students in this year's freshman class came from the Middle Atlantic area. Five per cent of the class came from foreign countries.

807 in the class of 1970 ranked in the top tenth of their class. There were 171 major elected school or class officers, 196 varsity sport letter winners, 224 editors of school publications, 290 major offices in science groups, and 186 who hold major positions in music or dramatic groups.

Admission factors

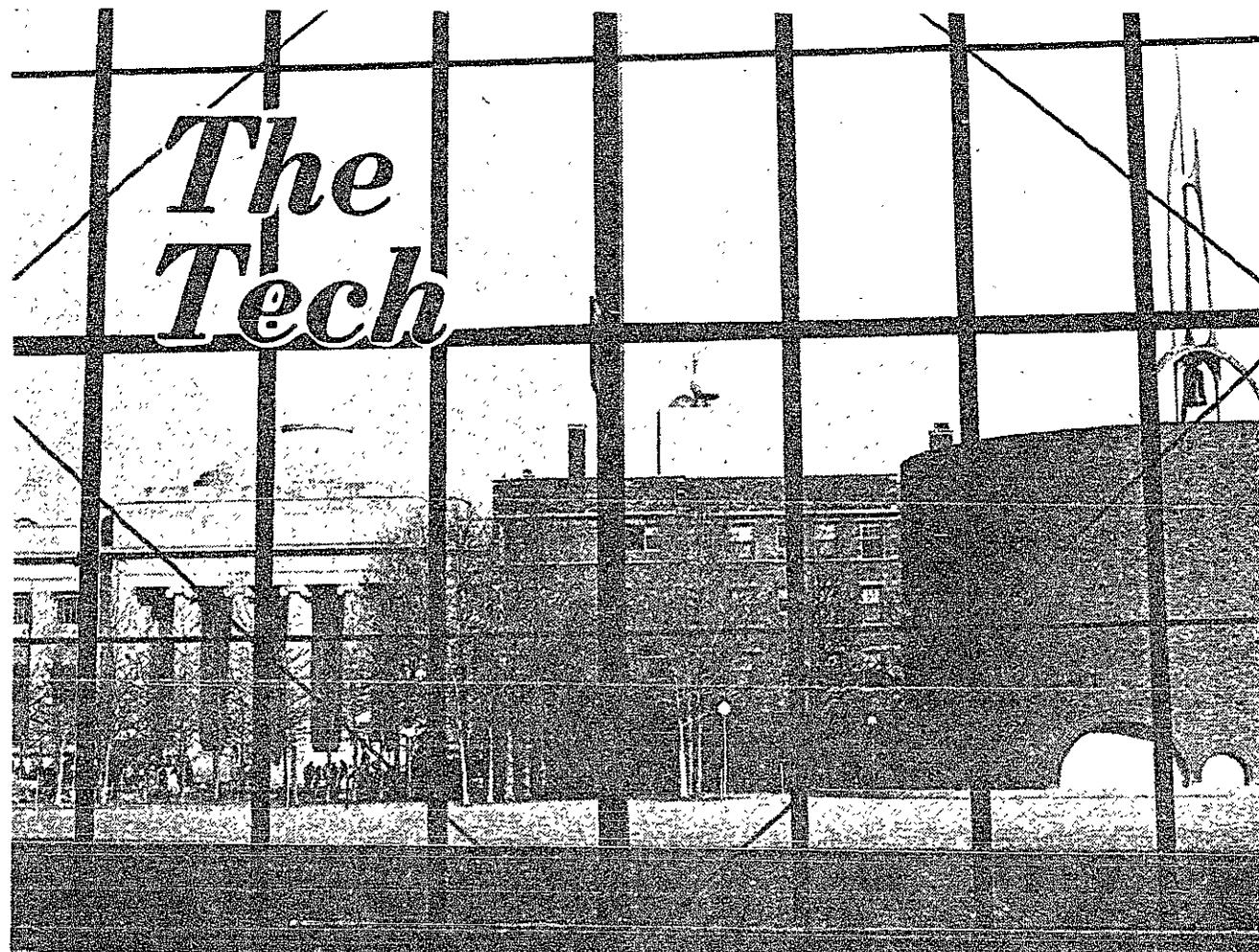
Admission is based on three major factors: prediction of academic achievement, evaluation of general personal qualifications, and recognition of outstanding interests, activities, or achievements.

The scholastic index, based on high school grades, class rank, and CEEB scores, is scaled on the percentage possibility that a student will receive better than a C average in his freshman year. A more subjective factor, the personal rating, is based on qualities like creativity, motivation, leadership, and enthusiasm, with higher emphasis being placed on quality of participation rather than quantity and on the intensity of the commitment rather than the number or type of commitments.

Seek well-rounded class

"In common with most colleges, we seek a well-rounded class; and in common with many, we recognize that this does not necessarily mean a class composed chiefly of rounded or truly versatile individuals," said Director of Admissions, Roland B.

(Please turn to Page 3)



Vol. 87, No. 9

Cambridge, Massachusetts, Tuesday, March 7, 1967

Five Cents

Volpe, Killian to speak

IFC morals conference set

The MIT Interfraternity Conference will serve as host for a New England Symposium on Fraternity Morality Friday, March 10. Student leaders representing about twenty-five colleges and universities which have fraternities and sororities will come to Boston to discuss current issues in campus and living group morality.

Featured at the Symposium will be addresses by the Honorable Walter H. Judd, noted statesman and former US Congressman from Minnesota, and by Harvey G. Cox, author of "The Secular City," and professor at Harvard Divinity School. The keynote address will be given by Dr. Glen T. Nygreen,

Dean of Students at Hunter College in the Bronx.

Seminar discussions on subjects as "sex," "ethics," "drugs and drinking," "necessary bases for close friendships," "the responsibility of the fraternal group," and "the relevance of religion" will be led by prominent psychiatrists, sociologists, and theologians.

Volpe, Killian to speak
Massachusetts Governor John A. Volpe and Dr. James R. Kil-

lian, Chairman of the MIT Corporation will attend the breakfast and speak to the delegates. Massachusetts Attorney General Elliot L. Richardson will attend and speak at the luncheon.

This Symposium has been planned by a committee of IFC members, and has received financial backing from businessmen in the Boston area. It is expected that this undertaking will set a precedent for future discussions.

NOTICE

The Condition and Advanced Standing Examinations have been moved from 50-340 to 5-217, March 18, at 9 am.

Irish said to be first to America

By Don Minnig

Louis Lourmais, Canadian oceanographer and internationally known marine biologist, was the speaker at the LSC lecture held Thursday at 8 pm in 26-100. His subject was the discovery of America by Europeans before the voyage of Columbus, as well as a future expedition of his own duplicating the voyage of St. Brendan, the Irish monk whom Mr. Lourmais believes to have been the first white man to lead an expedition to the New World.

Legendary voyage

Folk-tale has it that St. Brendan, a Benedictine monk of the sixth century AD, and one of the best of the Irish sailing clerics, led a group of sixteen fellow monks on a seven-year expedition. Their route took them from Ireland to Scotland to Iceland and Greenland, down the North American eastern seaboard to Florida, back to Spain, and eventually to Ireland again.

Primitive migrations

He also justified his thesis by citing both anthropological and historical evidence for such a voyage. It is possible that the whole human race stems from one primitive culture that spread around the world travelling the "roads"

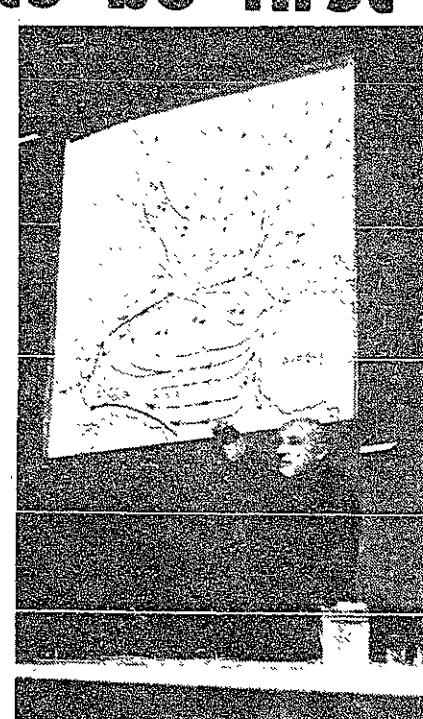


Photo by George Flynn

Louis Lourmais, Canadian oceanographer, spoke Thursday on his theory that Irish monks were the first white men to see America.

rents. The voyages of Heyerdahl, in his "Kon-Tiki," and Lourmais' friend and colleague, the French physician, Bombard, support this possibility.

He went on to point out widespread cultural similarities such

and the legend of an ancient deluge. "These similarities have never been explained," he said. He pointed to the existence of human civilization on remote Polynesian islands as evidence that men could navigate vast stretches of ocean without the aid of instruments.

Ancient documents

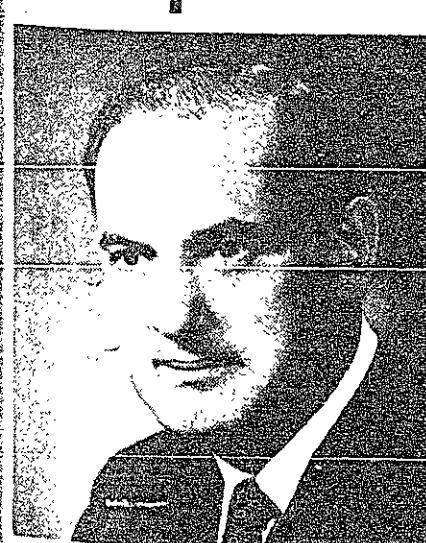
He pointed to specific pieces of evidence with regard to St. Brendan's voyage: an ancient Irish map showing part of the Canadian coastline, an old German globe with "Brendan's Island" where the North American continent should be, and, Celtic-type shelters on the continent (such as those at North Salem, N.H.) carbon-dated to the sixth century.

Light vessel

Mr. Lourmais is currently building a replica of the canoe-like, 43-foot ketch probably used by St. Brendan, which he intends to use on his expedition. The lightness and maneuverability of the craft renders it especially suitable for travel in North Atlantic waters and dragging ashore for nocturnal camps, since the route contains no more than 250-mile stretches of open water. He remarked that the weather was more clement in St.

Talks to college editors

Israeli expresses desire for peaceful co-existence



Avraham Harman

The Honorable Avraham Harman, Israeli's Ambassador to the United States, stressed his country's desire for peace and co-existence in a meeting with New England college newspaper editors here Saturday.

The meeting was sponsored by the Student Zionist Organization and the Israeli Students' Association. Most of the questions came from a panel selected from the 20 editors who attended. Among the members of the panel was Michael Rodburg '68, Editor of The Tech.

Mr. Harmon was born in England, and lived there until 1938, when he emigrated to Palestine. He was Israel's first Consul General in Montreal, Quebec. He was appointed Ambassador to the United States in 1959.

The entire interview was taped by MIT. Copies may be obtained by writing to Joseph Schwartz, 8

Primitve migrations

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Pre-med program initiated

The increased number of MIT students who after graduation attend medical school has led to the establishment of a Premedical Advisory Program which is administered by the Office of the Dean of Student Affairs.

The purpose of the Premedical Advisory Committee is to 1) provide information about medical schools and their requirements for admission, 2) offer opportunities for general counseling and discussion of possible careers in medicine and medical research, and 3) provide supplementary assistance and information to students preparing applications for admission to medical school.

Early interest rewarded

As soon as any MIT student, undergraduate or graduate is reasonably sure of his interest in attending medical school, he should stop in at the Premedical Advisory Office, Room 5-106. Every effort will be made there to provide all information needed and to put the student in touch with members of the Advisory Committee or others who can provide knowledge about a particular field of interest in medicine or medical research.

Advisor should be notified

At the same time the student should tell his Faculty Counselor in his major department of his interest in medical school. In this manner programs which will accomplish both the academic requirements of the major department and those for admission to medical school, can be planned well ahead of time.

It is the student's responsibility to obtain applications to the medical schools of his or her choice and to initiate all actions required by them. The Premedical Advisory Office stands ready to supplement these efforts and to pro-

vide as much information as possible.

Admission test mandatory

Medical schools require that applicants for admission take the Medical College Admission Test. This aptitude test is given only twice a year. In 1967 it will be given on May 6 and October 21. An application to take the test and some sample test questions should be picked up in the Advisory Office, Room 5-106.

Requires three faculty letters

Applications to medical schools require at least three faculty letters of reference, one to be from a faculty member within a science department. Since applications are submitted in the first term of the senior year, it is important to establish friendly relationships with the faculty as soon as possible.

The membership of the Premedical Advisory Committee reflects the distribution of premedical students throughout MIT departments. Its members are either directly involved with medicine or are active in student counseling. They are: Dr. Joseph Brenner, Medical Department; Dr. Philip Drinker, MIT Committee on Engineering and Living Systems, Mechanical Engineering Dept.; Professor Bernard Gould, Biology Department; Dr. Harriet Hardy, Medical Department; Pro-

fessor Roy Lamson, Humanities Department; Professor John Stanbury, MIT Clinical Center Nutrition and Food Science Department; Professor Emily Wick, Chairman, Office of Dean of Student Affairs Nutrition and Food Science Department.

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What's happening Thursday night?

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Carnival centers on 'lunar' theme

The Annual Alpha Phi Omega Spring Carnival will be held in the Rockwell Cage on April 8, beginning at 7:30. The theme of the show this year will be "A Lunar Excursion." Booths will be sponsored at the Carnival by organizations and living groups on campus.

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We're a small company (1500 employees and \$25 million in sales), but we plan on getting much larger.

If you are interested in discussing a future with us, a representative will be on campus March 16. See your placement officer for details.

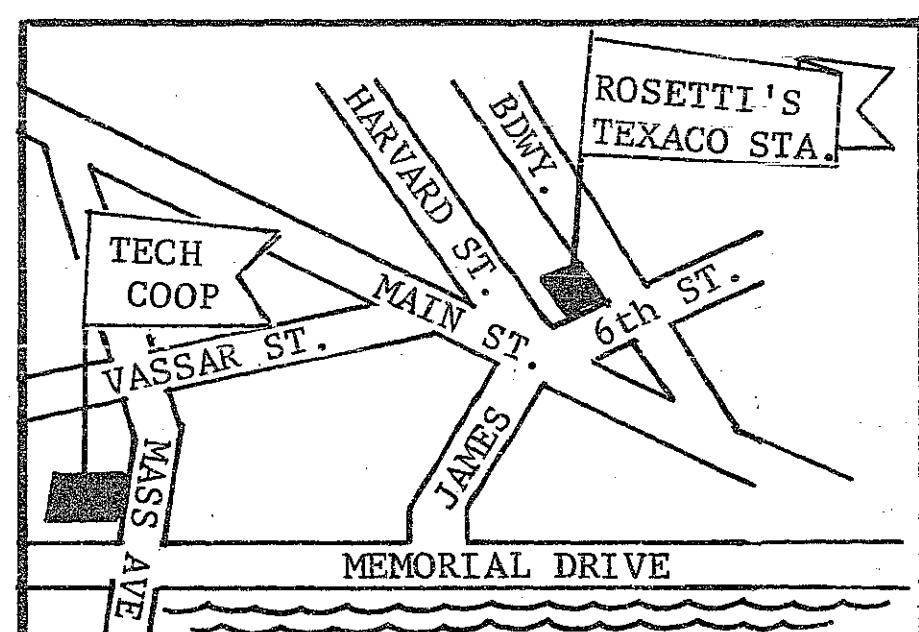
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Karash, Rettig chosen new heads of Finance Board, Secretariat

(Continued from Page 1) Biascchio (BAK), Class of '70 president. (AEP), UAP; Al Singer '68 (AEP), Activities Council Chairman; Gerry Banner '68 (AEP), Athletic Association President; Tom Neal '68 (PDT), IFC president; Ray Paret '68 (PLP) and John Kotter '68 (SPE), IFC representatives; Paul Gluck '68, NRSA president; Karla Hurst '68, McCormick Hall president; Doug Limbert '69, Bexley Hall representative; Jerry Grochow '68, Baker House president; Al Slobodnik '69, Burton House president; Stan Chang '68, East Campus president; Mike Krashinsky '68, Senior House president; Bob Condap (BUR), Class of '68 president; Mark Mathis (PLP), Class of '69 president; and Joe

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Biascchio (BAK), Class of '70 presi-

Executive Committee

The election of Fin Board and Secretariat Chairmen filled the two of the remaining positions on the Incomm Executive Committee. Rick Karash '68 (SC) was elected Fin Board Chairman, while Clyde Rettig '68 (SC) defeated Bill Mack '68 (PGD) for the position of Secretariat Chairman.

Upcoming elections

Horvitz announced that Incomm subcommittee chairman would continue to be elected over the coming weeks. The chairmanships of Student Committee on Educational Policy, Student Committee on Environment, Student Center Committee, and Public Relations Committee will be filled at tomorrow night's Incomm meeting.

Other elections will be conducted after the Exeter Conference. These include Foreign Opportunities Committee Chairman, Judicial Committee Chairman and Secretary, division heads for Secretariat, and rotating member of Executive Committee.

Modern Man Society

New philosophy club established

An informal philosophy club is presently being formed at MIT. The club, which calls itself the Modern Man Society, will sponsor regular lectures and films on social sciences, psychology, religion, science, philosophy and man. Thus, by "broadening interests and horizons, increasing personal contact, and deepening understanding of self, society, and the world," it is hoped the society will appeal to those members of the MIT community with such diverse interests.

THE TECH

TUESDAY, MARCH 7, 1967

Page 3

Carnegie, Cornell, Cal Tech competitors for applicants

(Continued from Page 1)

Greeley. "Rather, it means a group of academically able students, each of whom has some real contribution to make in a campus community."

Competing schools

The greatest overlap of acceptees occurs with Rensselaer Poly-

technic Institute, Cornell, Carnegie Institute of Technology, and the California Institute of Technology, with MIT getting a larger percentage in the first three cases. Besides Caltech our other largest competitors for students are Harvard, Princeton, and Yale.

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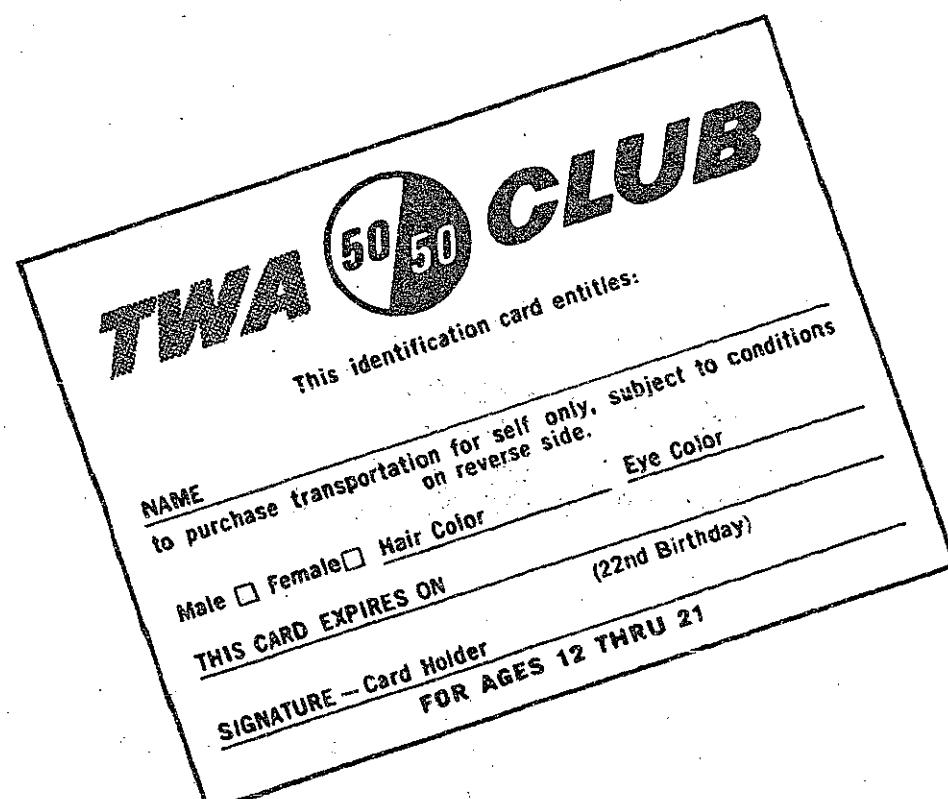
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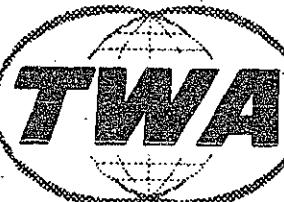
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Open Forum

The volume of letters we have received recently is appreciated quite a bit. We believe this page should be an open forum for other views and opinions; printing letters is one sure way of encouraging that. Letters enable one to present ideas, differ with us, or differ with another letter writer. Because of space limitations, we may not be able to print all the letters as soon as they arrive, but we will try to present as many as we possibly can.

There is another way of presenting a particular view; we have made it a policy to print a guest editorial from time to time. We welcome anyone with a topic to see us and make such arrangements.

THE TECH

Vol. LXXXVII, No. 9 Mar. 7, 1967

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Inside Inscomm

Conference delegates chosen; vote on status of SCC soon

By Frank March, UAP

The Institute Committee has voted to change the structure of its Executive Committee. The Student Center Committee chairman no longer sits on the Executive Committee. The seat which was formerly occupied by the Student Center Committee Chairman has now been replaced by a member-at-large seat, to be filled by the Institute Committee. The member-at-large of the Executive Committee may be either a voting or non-voting member of the Institute Committee.

Finance Board changes

In other constitutional changes the Institute Committee has changed the make-up by class of the Finance Board. The Finance Board formerly consisted of three Juniors, two Seniors, one Treasurer elected by Activities Council, and a Chairman. Now the Finance Board bylaws specify that the Board shall consist of at least three Juniors, but include the possibility of having more juniors in order to allow for maximum flexibility.

The Student Committee on Educational Policy wishes to emphasize to the student body that the reading period changes for second term are only an experiment, with the results to be carefully evaluated during or after reading period. Faculty reaction to continuing or discontinuing the changes in reading period will depend largely upon student evaluation of the changes and the re-

port on the subject submitted to them by SCEP.

SCEP has also announced plans to publish a booklet with information about the many small libraries around the Institute.

SCEP

The Student Committee on Environment is making plans to work with the faculty Committee on Student Environment.

Four students have been nominated to work in conjunction with the CSE. They are Jerry Grohow '68, Bill Mach '68, Tom Neal '68, and Giorgio Picagli '67.

The Long Range Planning Committee has submitted its preliminary report on space usage on the fourth floor of the Student Center. The report will be evaluated by student government and the Planning Office with attention to possible changes and long range needs.

Exeter Conference

The Institute Committee will hold a two-day Leadership Conference at the Exeter Inn in Exeter Inn in Exeter, New Hampshire on March 11 and 12. The old and new Institute Committees will attend, as well as several members of the faculty and administration.

Topics for discussion include underclassmen in student government activities, inter-living-group relations, curricular change and the "New Institute," education and the residential system, and student stress.

Kibitzer

By Philip Selwyn

North

♦ J
♥ K 9 6
♦ Q 9 8 6 5 2
♣ Q 7 6

Last word

To the Editor:

After reading your reply to my letter in The Tech today, March 1, I believe I should perhaps extend you an apology for not reading your issue of February 24 on February 23, which is the date on which I delivered my letter to a person in The Tech's offices. My letter was in reference to your issue of Feb. 21. It is in the issue of Feb. 21 that your reporter was guilty of slurs and misrepresentation of the statements of Mr. Phillips. The issue of Feb. 24 was of high calibre.

I do not intend to engage in an endless debate with The Tech upon this topic, especially since you can always get the last word. I suggest that interested people might consult Mr. Phillips for his evaluation of the reporting in the issue of Feb. 21. This letter and the previous letter are intended to stimulate higher standards of journalism on the staff of The Tech. In my opinion, The Tech is now putting out a higher quality and greater quantity of interesting articles and news than ever before, and I have an especially high regard for the dedication and ability of your news editor. I sincerely hope that your continually increasing competence will lead to a decrease in defensiveness towards constructive criticism. The fourth estate has great influence and responsibility in this country, and we can only hope that the response of the press to a little well-meaning prodding will be not only a rebuttal but also a rededication.

Arlee T. Reno Jr. '66

East

♦ A K 8
♥ A 10 7 3
♦ A 10
♣ A 10 9 4

Both Vulnerable

Bidding:

East	South	West	North
Pass	1 ♠	Pass	1 ♦
Pass	2 NT	Pass	3 NT
Pass	Pass	Pass	

South

♦ A K 8
♥ A 10 7 3
♦ A 10
♣ A 10 9 4

The opening lead of the 4 of spades was won by East's Q, South holding off for a round. The "hold-up" play is generally good technique when declarer will have to lose tricks in order to establish his own suits. As will be seen, in this case the hold-up also provided the timing South needed in the ending.

East continued spades on which a club was discarded from dummy. South next played Ace and then 10 of diamonds. Had West followed low without hesitation, South would have had to guess what to play from dummy. But South was fortunate enough to have West think about his play, thus marking him with the K when he played low. Therefore, declarer played dummy's Q and led a third round of the suit to West's K. East and South discarded a heart and a club, respectively.

South won West's natural spade return on which he discarded a heart from dummy. He next made the key play of cashing the Ace of clubs before crossing to dummy.

my's heart K to run the diamonds. On the last diamond East was squeezed in clubs and hearts; in order to keep the K of clubs, East had to unguard his Q of hearts, so that South's 10 of hearts won the last trick. Since the scoring was at match points, the 2 overtricks were of paramount importance in gaining a top score on the hand.

The play of first cashing the Ace of clubs is called a Vienna Coup. It is a "coup" because playing the Ace establishes the K as the high card in the suit, but then the defender is squeezed out of it. As the cards lay, the Vienna Coup was helpful (but unnecessary) to the execution of the squeeze, because it eliminated a guess about what distribution East had come down to on the last diamond.

However, had West held the heart and club stoppers instead of East, the Vienna Coup would have been mandatory for the squeeze to succeed. In that case, South would have had to discard before West. Cashing the Ace of clubs first allows South to discard the 10 of clubs on the last diamond and still squeeze West. If the Ace were not cashed first, South would be squeezed rather than West! Now the 10 of clubs would be needed to return to dummy's Q if West unguards the K. But the 10 of hearts is also needed as a threat. South must discard one of those cards and West can simply discard the same suit as South to destroy the squeeze.

The only way for the defense to break up South's squeeze was for West to return his singleton heart when he was in with the K of diamonds. This play would destroy South's communication with dummy. It is safe to say, however, that only an expert West might have recognized that such a play was necessary.



PROFITS:

FAT FOR THE CORPORATE BELLY

OR

MUSCLE FOR A GROWING SOCIETY?



Robert W. Galvin,
Motorola Inc.



James Hill,
Harvard

Dear Mr. Hill:

There is one basic fact of economic life which I haven't yet discussed in any depth, though it has come up in many student letters to me. This is profit.

Students think about "profit" when they consider business as a career or as a social force. A student who shuns a business career because he feels "there is more to life than making money" may also be one who thinks "businessmen will do anything to make a profit" or "business gets profits at someone's expense."

The overwhelming majority of American businessmen today would agree enthusiastically with this student's first statement. They would reject emphatically the others.

Just what is profit?

First of all, business does not do things in order to make a profit; business makes a profit in order to do things. I will illustrate this with some Motorola facts and then refer to the view of a college professor who also has served the government.

Motorola's 1965 net profit amounted to just over 6% of our sales. Because we made a profit, we were able to put \$11.4 million into our employees' profit-sharing fund and pay Federal income taxes of \$26 million. We retained \$26 million to reinvest in our future growth.

The funds a company needs to fill growing consumer demand come, in the last analysis, from retained earnings and from depreciation. Depreciation is the cost of buildings or equipment wearing out; each year, we charge against income part of the original cost and thus ultimately recover it. Our 1965 depreciation was \$10 million.

So, to pay for the expansion needed to fill 1965's increased demand for our products, we had \$26 million of retained earnings plus \$10 million in depreciation—a total of \$36 million. Buying new tools, equipment, and plants during 1965 took \$25 million. We also needed \$20 million in "working capital" to finance larger inventories, carry increased accounts receivable, and meet greater payrolls. \$45 million was needed; \$36 million was available. The \$9 million difference came from earnings previously retained for just such a use.

Motorola manufactures radios, television sets, record players, semiconductor products, industrial and hospital communications systems, military and automotive electronics hardware, electronic control systems, space equipment and some other things.

We started with only a car radio. Without profit, we could not have expanded or diversified into all these other lines—and the demand for these products showed the need for them. Profits cannot do the whole job here, but making a profit does qualify you to borrow funds to grow on. We have done this several times. And because we were profitable we sold additional common stock several times.

Here are earnings reports of some other companies, each of whose 1966 profits set new records: Bethlehem Steel, Standard Oil (Indiana), Sinclair Oil, and Westinghouse Electric. Their earnings, as a per cent of sales, ran 6.4%, 6.7%, 6.7%, and 4.6% respectively. If you were selling on commission, would you think these percentages were too high? Could these companies continue to serve their customers without the retained profits to finance new plants and for working capital?

Motorola is owned by shareholders who advanced their money and share the risks. To them, during 1965, we paid \$6 million in dividends—less than 1% of the year-end market value of their stock. Does this rate seem excessive? The employees' profit-sharing plan received nearly double this amount.

Profit has been a catalyst in an economy which has raised the per capita share of the gross national product 42% in your lifetime (to \$3110) and has prospects of doubling this figure by the year 2000 (both in constant 1958 dollars). Average corporate profits, for companies in all industries, companies having good years and bad, are only 3.3% of sales (Dept. of Commerce figures). Might it not be more of a wonder that this major job got done with such a proportionately minor catalyst than a dismay over high profits?

In his recent book, *Economic Myth and Reality*, Professor Delbert A. Snider, chairman of the Department of Economics at Miami University, Oxford, Ohio, examines the myth that: "Profits are an unearned and unnecessary 'grab' on the public's purse." The reality, he concludes, is that: "Profits are an essential part of our economic

system, guiding the use of resources and providing the base for increases in the standard of living. The best safeguard against excessive profit is competition."

Professor Snider sees profits as reward for risk-taking, innovation, and the organizing of production. Profits encourage business "to be as economical and efficient as possible in the use of society's productive resources" (material and human). Profits are also "extremely important as a signal device informing business of the kinds of products the public desires."

New developments in every field of endeavor are funded from profits. Many schools and universities are sustained substantially by the ability of business to make a profit. Just over half of most corporate profits are paid to the Federal government in income tax alone; whatever government agencies or programs you consider excellent are able to function only because the country's economic system produces wages and profits to be taxed.

Like every tool of man since fire, profit can be misused. In the developing history of mankind, however, no economic system has yet been devised that brings as much benefit to as many people as ours does. Our challenge is to minimize the misuse and maximize the benefits.

Making a profit should be neither the primary reason a business exists nor the primary reason a businessman works. Profits are not the purpose of a business but profits must be earned if the business is to continue to serve the needs of society. And that is its purpose.

—Robert W. Galvin
Chairman, Motorola Inc.

PROFITS AND YOU

This open letter about profits and their function is written by a businessman to one of six student correspondents on six different campuses. It is part of a continuing series of open letters published in 29 student newspapers across the country.

James Hill is a student at Harvard. Robert W. Galvin is chairman of Motorola Inc. If you have comments or questions, write to Mr. Galvin at 9401 West Grand Avenue, Franklin Park, Illinois 60131.

SCEP gathers information on reading period, pass-fail

By Mike Telson

SCEP's activities during the past year have had a great degree of success and have met a receptive faculty and administration who have been willing to discuss and experiment with new educational proposals.

Explanations of the major areas in which SCEP has worked follows and tells of some of its accomplishments during the past year:

1) Pass-fail systems: Seniors now have the option to take one non-graded course per term outside of departmental and Institute requirements. Although this experiment will last at least three terms, an extension for sophomores and juniors is being worked on.

Reading period

2) Reading period and academic schedule alternatives: Reading period has been extended to one week for the upcoming finals period on a trial basis. A study of its effects will be made first term next year after questionnaire results are compiled. Proposals to change the academic schedule in order to start in August and end in May met with great resistance.

3) Course society activity at MIT: SCEP is at present assisting these bodies in formulating feedback programs. SCEP is encouraging formulation programs to advise freshmen and sophomores in course selection, to improve student-faculty relations, and to help out with problems related to senior thesis topics. Another area of endeavor may be improving the departmental advisory programs.

Libraries

4) Library situation: Library information booklets were prepared at the beginning of the year; these contain information on the many small libraries on campus. In addition, the engineering library is undergoing renovations and SCEP is providing input in the planned reforms.

5) Pre-med advisory program: The pre-med advisory program was in need of serious revision. Essentially, one person had been saddled with the responsibility of advising approximately 140 upper-classmen interested in medical studies. This program has been changed.

Compton Lectures

6) The Compton Lectureship: This excellent lectureship had been discontinued because of lack of interest. It has been reinstated and will present a lecture in the near future.

7) Graduate student teaching at MIT: An administrative committee was created to study the quality, extent, and usage of graduate student teaching at MIT.

8) Freshman Quiz schedule: The new freshman quiz system is

heavily favored over the old one according to a recent poll.

9) Freshman humanities: There are presently two experimental humanities courses open to freshmen. A report with SCEP's recommendations was submitted for faculty consideration last April.

SCEP, CEP

10) The relation of SCEP to CEP: A topic of discussion this year, both committees agreed

that communications between these groups should be increased. To remediate this problem we now hold monthly meetings with a rotating group of three from each committee as well as full joint meetings each term.

11) Generalized feedback questionnaire forms: Three types of polls have been developed—subject content, instructor improvement, and laboratory evaluation forms.

Several other topics were considered as well as all kinds of related subproblems to the main ones above. In conclusion, it is essential to reiterate that in no way or form is the work of SCEP finished.

Makes major reforms

SCC develops Stratton Building

The MIT Student Center is intended to provide a common meeting ground for the many different parts of the MIT community and to provide facilities for student activities. It also provides a place for students to go for relaxation. The Student Center Committee represents the student responsibility for implementing these functions.

Fulfilling responsibilities

During the past year, the SCC has demonstrated its ability to follow through with past programs, to initiate new ones, and to work in conjunction with other Inscomm committees. That the SCC has been successful in fulfilling its responsibilities is readily evident.

Twenty Chimneys remodeled

In order to shorten waiting time and reduce prices in Twenty Chimneys, \$15,000 was spent over the summer remodeling the behind-the-counter facilities and the service bar. In addition, waitress service was discontinued except at high-volume times, thus creating

a more relaxed and informal atmosphere.

Student Center booklet

The Student Center Booklet, describing the various services available and activities housed in the Center, was certainly a worthwhile and successful project.

Library reform

When it became evident that the 5th Floor Library was being misused by certain students who practically "lived" there, the SCC, in conjunction with the Subcommittee on Libraries of S.C.E.P., considered proposals to obtain some practical solution to the problem. SCEP presented these suggestions to the Director of Libraries.

Games area successful

Another success of the SCC was the second annual Pocket Billiards Tournament, which determined the MIT representative to the ACU-I regional tournament. Due to the newly required \$1.00 entry deposit, the quality of the play and the running of the tournament in general were greatly improved.

After a year and a half of operation, the games area has developed into one of the most important facilities of the Student Center. Overwhelming participation has resulted in almost constant use of the pool tables and bowling alleys. Plans for the near future include two new tables: one for pool and one for billiards.

During the past year, the SCC has sponsored several social functions, along with its 'Encounter' program, which have helped to make the Student Center more of a center for student activities rather than just another building on campus.

Several large functions, including Spring Weekend '66, were held in part of the Student Center. The facilities have always found much use on all the weekends. The informal dance committee and other groups often use the Sala de Puerto Rico for smaller mixers and parties while many Techmen have found the Center an excellent place to bring a date.

MIT leadership

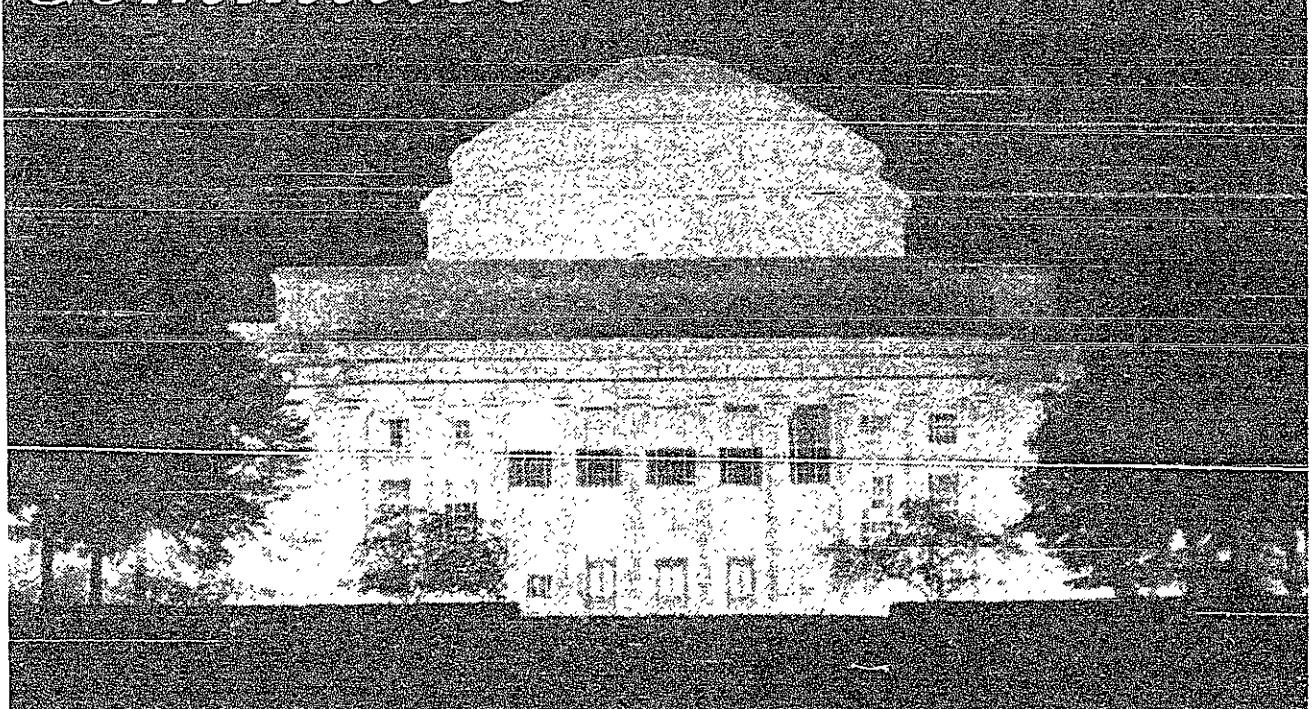
In October of last year, the MIT Student Center Committee attended ACU-Region I Conference at URI. At that time MIT received the bid for next year's conference for the New England area. In its first year of full participation, MIT has emerged as a new leader in the region, due to the efforts of the SCC.

Gains in second year

The past year for the Student Center Committee (only the second in building operation) has been one in which guidelines and policies for its utilization have begun to be expressed and formalized. The committee, under the chairmanship of Paavo Pyykkonen, has attempted to exert its efforts towards efficient utilization of the building which is of the type and quality desired in the Student Council. In addition, the attempt has been made to represent the Student Center building as a warm and friendly place to get together, an attempt which has — in large part — succeeded.

Cooperation with other groups including SCEP and the informal dance committee has implemented the strides made in the past year. Although the committee no longer holds a seat on Inscomm, this cooperation should continue, and the remaining problems worked out.

Institute Committee



Sports grow through AA

The main goal of the Athletic Association is to promote and administer athletics on the MIT campus as an essential feature of the university's life. Arrangement of the faculty-student basketball game, sock hops, beer blasts, and refreshments at home games, are a few of the outside activities of the Athletic Association, but its major concern is the organization of intramural and varsity sports.

Club sports
Another major concern of the

AA has been in the club sports area; there are four main club sports today which stand an excellent chance of becoming varsity sports in the next few years:

- 1) Gymnastics Club, which after three years as a club is hopeful of obtaining varsity sport status.
- 2) White Water Club, which is in its second year of competition and 3) Table Tennis Club, which is being formed.

New milestone

A second innovation in the Athletic Association is the incorporation of women's athletics. At present there are no varsity sports for women, but sailing and fencing may have the opportunity to become varsity sports after the upcoming seasons. In addition, women's crew may become a varsity sport in two seasons. Women have been allowed to participate in non-contact intramural sports and have succeeded in placing a representative from the Association of Women Students on the Intramural Council.

Water polo has been added as a regular intramural sport, and cycling and pocket billiards are continuing on an experimental basis.

In retrospect, the Athletic Association has done its share in raising MIT to true university status. Each year, new varsity sports are being added and new clubs are being born. The addition of a women's representative on the Intramural Council has been

another milestone. Continued coordination between the Athletic Association and the remainder of student government can only serve to make MIT a more stimulating community in which to live.

Secretariat trains hopefuls, does Inscomm paperwork

Secretariat, the workhorse of Secretariat to the prospective freshman is the project nature of most of its work. Every freshman takes charge of some portion of Freshman Weekend such as the mixers, arrangement for tours, contact of faculty members, and re-evaluation of freshman attitudes towards the weekend.

During the remainder of the year, the members of Secretariat handle the Christmas Convocation and various other projects. There are also plans for Secretariat to handle Encounter and to work in cooperation with the Social Service Committee.

The work of Secretariat is extremely diversified and offers freshmen the opportunity to obtain valuable experience in the realm of activities and student government. Potential freshman candidates for secretariat will be interviewed sometime after Mar. 12. Anyone interested should watch The Tech for announcements.

Inscomm's Executive Committee guides undergraduate government

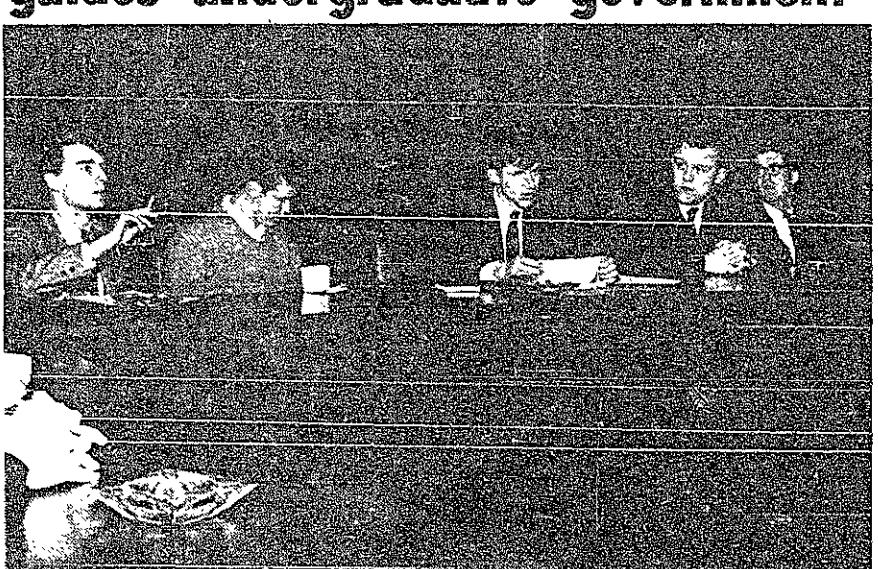


Photo by John Roderick

Inscomm's Executive Committee, from the left: Keith Patterson, Activities Council Chairman; Gary Garmon, Secretariat Chairman; Frank March, UAP; Dave Sanders, Finboard Chairman; and Paavo Pyykkonen, SCC Chairman.

magazine review ...**Tangent faces apathy and snobbery**

By Thomas Nesbitt

Tomorrow, Tangent will go on sale, and today I am to review it. I'd like to write a regular review, mix up a nice proportion of praise and criticism (perhaps influence somebody along the way) and be done.

But I can't. The idea of a review seems so helpless when I realize that no matter what I say here, most of you will never consider buying Tangent. I'm going to usurp these lines in an attempt to make you re-examine your positions.

I think 'non-buyers' can be divided safely into two general groups. The first type would not bother with an MIT literary magazine; the second would not bother with any literary magazine. Let me deal with the latter group first, for of it I have least to say.

With someone who flatly states that he can see no value in poetry or serious prose, I tend to give up. We're in entirely different frames, operating under entirely different assumptions. All I can suggest is that he try the writing of one of his fellow students, for if any writer will ever

'turn him on,' it will be the writer whose experiences are the most common to his own. Could any student read Edward Shalom's short short story, 'The Play,' in the current issue of Tangent and not feel that Shalom had pinned him down with frightful accuracy?

The other type would indeed like to be called 'literary,' but does not think that MIT could produce a literary magazine worthy of reading. Certainly as many faculty members as students fall easily into this type. Pick up a copy of Tangent: 'Nighttime Luxury,' 'Where the lone tree . . .,' 'Leap,' 'Eyes look at me . . .,' accompanied by many other fine works, will easily prove wrong the person who thinks that there are no good writers at MIT.

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Talking Rock

By Don Davis

I interviewed Dick Summer for dom given to disc jockeys there. Innisfree magazine February 22. Whereas at many stations, including WMEX, disc jockeys are told exactly what records to play and when to play them, WBZ disc jockeys are only limited in that half the songs they play must come from the top thirty, known as the A-list. Their remaining songs can come from the B-list, composed of new songs, or from anywhere else. Summer's late night slot gives him even more freedom. It is this freedom which has caused WBZ to be so far ahead on many hits such as 'Sounds of Silence' and 'California Dreamin.' One DJ will like a song and play it a lot, thus causing interest in the song, whereas on another station the DJ would not be free to play the song he liked.

DJ freedom

After working for some time in the Midwest and in Albany, he came to WBZ where he has spent his last four years broadcasting the Night Light Show (11:30 pm to 6 am). He is very happy with WBZ as a station for several reasons. The major one is the free-

Ratings of songs

The ratings of the songs on the A-list are decided upon by two men who spend all their time working on this. The major factor is sales at most leading area record stores; however requests, ratings in other markets, and expectations are also considered, as only ten to twelve records are selling well in the area at any one time and so some guessing must be done. The songs on the B-list are chosen from the 500 new records the station gets each week by a committee consisting of three station executives and one disc jockey.

Engineering

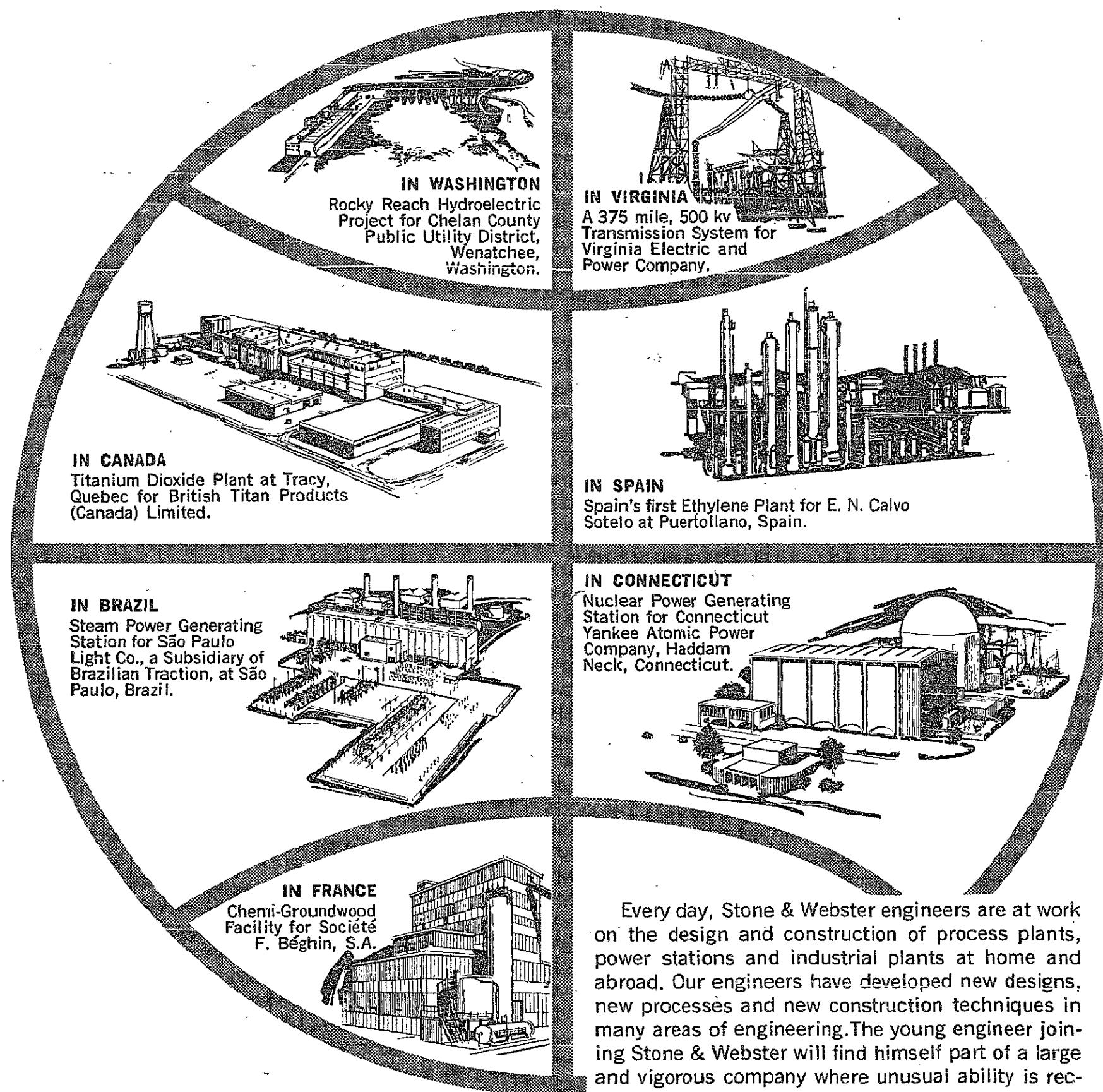
WBZ disc jockeys do most of their own engineering in that they run the records, turn on the mike switch, and run tape cartridges containing advertisements and station plugs. There are over 500 tiny cartridges behind the DJ's seat, one for each of the station's advertisers. On many other stations DJs do not perform this function and do no more than announce the records. There is of course an everpresent technician who rides gain, plays tapes (infrequently), services malfunctioning equipment, and controls the transmitter.

WBZ's transmitter is located in the Atlantic Ocean in Hull and uses the ocean as a ground. It is directed inland so that it cannot be heard 500 yards to the East, whereas on a good night it can be heard as far west as California. The efficiency of its directioning, plus the fact that at night 1030 is a clear channel, accounts for the fact that it can be heard so much better than other 50,000 watt stations.

Miscellaneous facts

Other facts regarding the station learned from Summer include the following: Bruce Bradley never eats food given to him while on the air because he is afraid someone might try to poison him. O'Hara, who sometimes fills in for Dick, is a part-time TV announcer and has been four different people. Dick Summer always records his show from 2 to 3 and puts it on the air from 4 to 5 three days later so that his technician can have an hour off for lunch.

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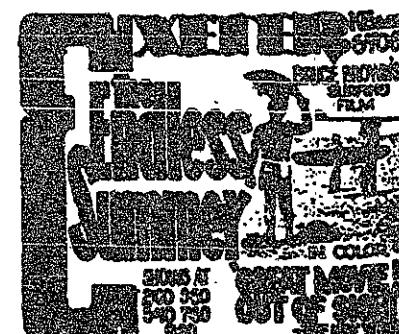


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theatres . . .

'Lucky William' fights wickedness

By Sherry Gulmon

Beginning like an only slightly fractured fairy tale, 'Lucky William' is the story of a simple, but virtuous and happy, shepherd boy who sets off with Laurel, his childhood sweetheart, to seek their fortunes in the distant city and escape the boredom of the sheep's company.

Fairy tale form

True to fary tale form, William has the laudable aim of killing an ogre, restoring the 'Cup of Life' to the wretched city, which has sunk into the depths of degradation and despair since its loss, and winning the hand of the princess and the eternal gratitude of the people. Laurel seeks only something more exciting than William.

Wicked city

Having lost Laurel to the dubious charms of an intrepid bandit named Armand, William confronts the city alone. From the beautiful princess to the frolicking street harlots, the city is full of wickedness and corruption, but Lucky William is so full of good he never notices.

William the Champion

In spite of his apparent simplicity and ineptitude, a skillfully contrived 'Sign from Above' identifies William as champion of the people and savior of the city. Cheered by the crowds and blessed by the king, he sets off to kill the ogre, stooping beneath the weight of his tin foil helmet and plywood sword. Unfortunately, the princess, sickened by William's wholesome innocence and distraught at the possibility of having to share the throne, has enlisted the help of Armand the bandit to dispatch him, 'neatly please.'

Surprises

The rest of the play is a series of surprises and twists, each of which is fraught with significance and ambiguity. The only thing that is not unexpected is the ending. For naturally William and Laurel are reunited in their sheep pasture, thus proving that good wins out in the end, or at least that simple folk usually end up in the simple country, and the wicked city stays wicked.

'Lucky William' is a complete departure from the tradition of Tech Shows in the past. Instead of being just a spoof on the Institute, 'Lucky William' has a little bit of everything. At times it is very reminiscent of 'The Fantasticks', while at others its humor ranges from sophisticated ridiculousness to delightful bawdiness.

Hoyt Hoyt

Certainly two of the most delightful characters in the play were Hoyt Hoyt and Hoyt Hoyt,



Photo by Bill Ingram

Residents of Malamundo meting out justice to a citizen accused of stealing flowers from the public garden, part of the 'Stoning Day' scene from Act I of Tech Show '67, 'Lucky William.'

ministers of finance, respectively played by Rick Rudy and Bob Blum. One of the most enjoyable scenes was Madam Bertha and her girls singing their theme song in front of their place of business.

liam and Laurel, Alan Covey as crotchety old King Siegfried, and Jim Seaton as narrator and ogre must be especially commended. Unfortunately, many of the musical numbers were somewhat overpowered by the orchestra, but it is hoped this minor defect will be corrected.

All of the parts in 'Lucky William' were well acted. Karl Deirup and Randye Goodman as Wil-

liam and Laurel, Alan Covey as crotchety old King Siegfried, and Jim Seaton as narrator and ogre must be especially commended. Unfortunately, many of the musical numbers were somewhat overpowered by the orchestra, but it is hoped this minor defect will be corrected.

All things considered, Tech Show '67 can be judged a definite success.

Making the Scene

S	M	T	W	T	F	S
12	13	14	15	16	17	18
19	20					

THIS WEEK

Music
Boston Symphony Orchestra—Erich Leinsdorf and Thomas Schippers conducting Boston Symphony Orchestra in four Symphony Hall Concerts: 'Symphony in C Major' by Bizet; 'Apocalypse' by Gian-Carlo Menotti; 'Moussorgsky's "Pictures at an Exhibition"'; Mar. 7, 9, 11, 8:30 p.m.; Mar. 10, 2:00 p.m., Symphony Hall.
Boston University—BU Symphony Orchestra in concert with Roman Totenberg, violinist, and Leslie Parnas, cellist, in Brahms' 'Double Concerto for Violin and Cello'; Mar. 8, 8:30 pm; Concert Hall of School of Fine and Applied Arts; 855 Commonwealth Ave; free
Turk's Head Coffeehouse—Rolf Cahn, blues and Flamenco guitarist, Sat. Mar. 11, 8:30 pm; Jordan Hall.

Theatre

Boston University—BU theatre division presents Tonescu's 'The Lesson' and 'Jack'; March 6-11, 8:30 pm; Room 210, 264 Huntington Ave.; \$1.
Theatre Co. of Boston—'So Proudly We Hail' (world premiere of two one-act plays); opens March 9, 8:30 pm; Sat. 6, 9:30 pm; Sun. 5, 8:30 pm; \$2.25-\$3.50.

NEXT WEEK

MIT—concert of electronic music by the Sonic Arts Quartet; March 15, 8 pm; Kresge Auditorium; \$1 (community), 2.

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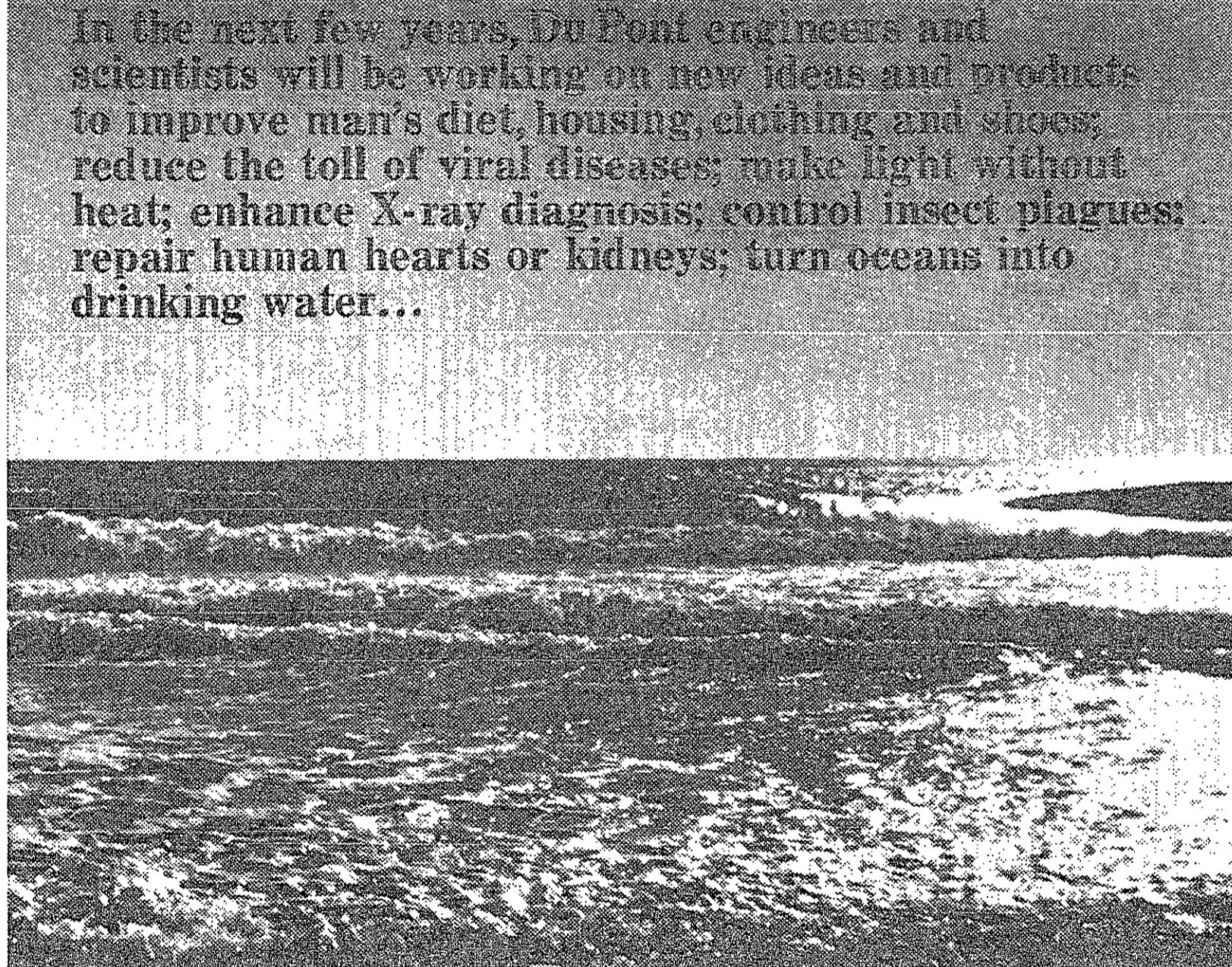
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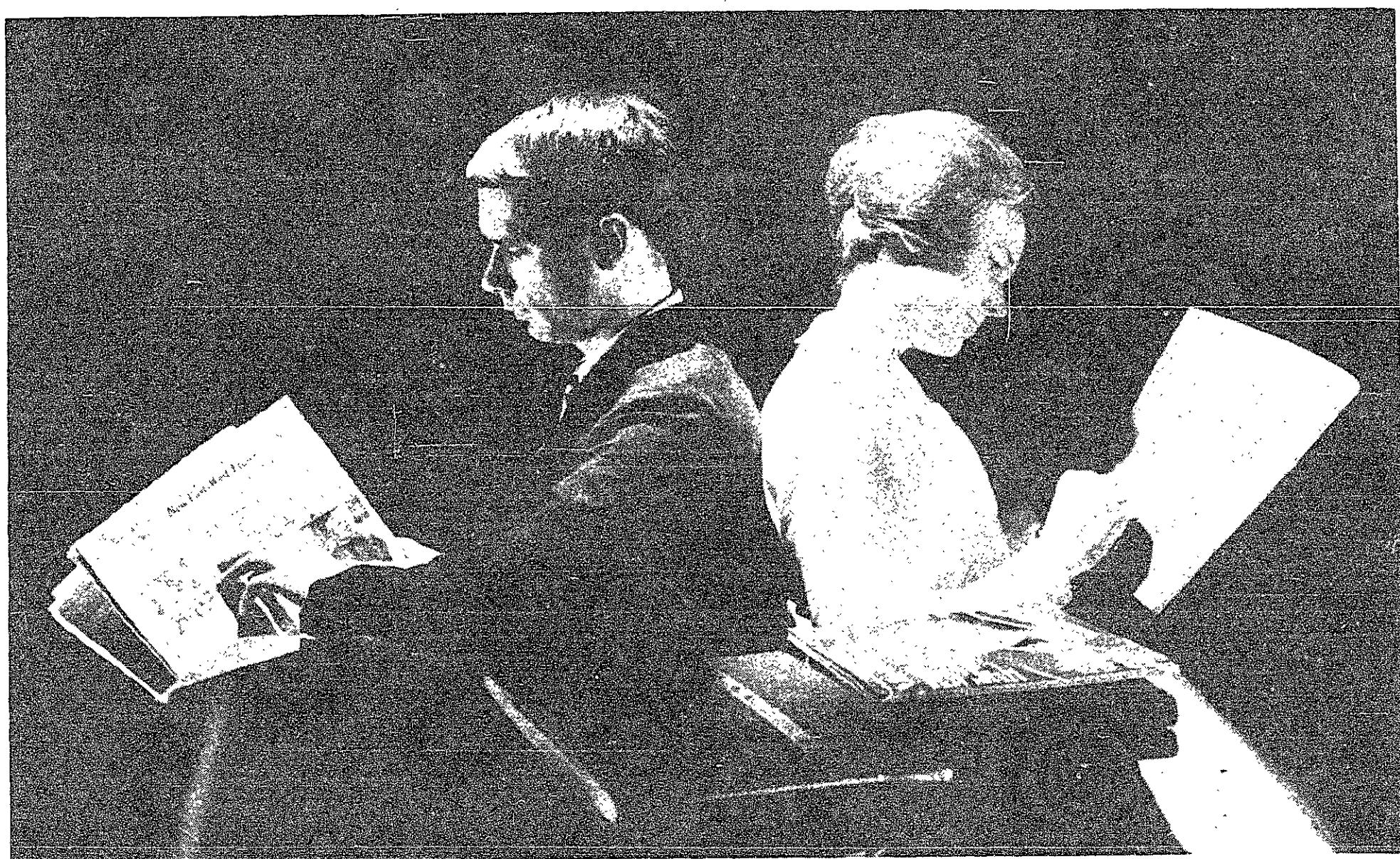
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Evelyn Wood

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Fuller, Mortimer, student		260	1475	252	2350
Knowles, Keith, designer		280	2230	222	1672
Parry, David, designer		430	3000	370	812
Bosmer, Fremont, teacher		644	3325	696	2450
Tabor, Susan, 15 yr. old student		128	816	135	812
Thomas, Judith, 14 yr. old student		132	1273	116	1820
Yee, Arthur, elec. tech.		250	820	170	980
Rasmussen, J., research asst.		375	1750	285	2436
Neal, Roger, teacher		250	940	224	800
Lindsay, Norman, analyst		432	1950	348	1430
Lamport, Amy, student		334	1275	303	950
Abbott, Samuel, teacher		529	1974	435	1976
Johnson, Timothy, 9 yr. old student		397	1879	362	776
Anderose, Kari, housewife		391	1250	693	1070
Schorben, Stephen, teacher		390	1635	290	1235
Davison, Marion, student		352	1351	292	1140
Tall, Euinco, student		278	1050	240	1160
Alles, David, grad. student		226	945	203	1100
Clark, Paul Jr., grad. student		229	3651	162	2916
Mah, Marshall, student		261	1440	322	1406
Grama, Tom, student		375	1190	330	1050
Cotton, John, student		250	1050	234	1126
Beem, Robert, grad. student		265	1720	250	1990
Shapiro, Judy, student		251	883	252	1000
Gravelino, Judy, student		370	2330	290	1980
Steinhiller, E. John III, physician		248	1406	232	1333

*These are test rates only. The average student reads 1 1/2 to 2 times faster than his reading test rates.

Utah schoolteacher discovers technique of dynamic reading.

Evelyn Wood first observed dynamic reading 18 years ago when professor at the University of Utah read her term paper at an amazing 6000 words a minute. Mrs. Wood's curiosity caused her to look for other exceptional readers, and over the next four years she found 50 people who could read faster than 1500 words per minute, with fine comprehension, outstanding recall and great reading satisfaction.

She was now sure it was possible to read faster than anyone had thought, but the question of how was not yet answered. It took 8 years of toil and research to find the answers. Eventually she developed a technique whereby the average student was able to learn to read 3 to 10 times faster. She taught her method at the University of Utah for three years, refining it even more. Further studies were conducted at the University of Delaware, and the first reading Dynamics Institute was opened in Washington, D. C. in September, 1959. Since that time, institutes have been opened in 61 cities throughout the country, and national enrollment for the course has topped 250,000.

Comprehension is stressed.

At a recent teacher training conference, Mrs. Wood emphasized that dynamic reading is nothing like the skimming techniques commonly used in speed reading courses. She said, "Skimming words is dangerous, as you don't know whether or not you have skipped a word which could change the whole meaning of the sentence."

"You read five times faster," she pointed out, "not by reading every fifth word, but by reading five times as many words in the same amount of time. Mrs. Wood emphasized that using her technique of rapid reading, every word on the page is noted."

No mechanical pacers.

She was also critical of reading courses that use a mechanical pacer, as students tend to revert to previous reading speeds once the pacer is not there to help them. When reading dynamically, the reader's hand is used as a pacer.

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Skier caps career

Bjaaland takes 9th in NCAA

By Rich Rosen

Competing in the NCAA Championships at Sugarloaf Mountain, Maine, Helge Bjaaland '67 finished 9th out of 64 competitors in the cross-country. Helge was 11th in last year's Nationals, in what was generally a weaker field.

Dave Rikert of Williams, last

the best all-around man in the meet.

This fine showing caps a great career for Helge. The Norwegian ace won the Nordic event at the EISA Intermediate Championships at Norwich, and also took first at the dual meet with Colby. A 3rd place at the EISA Senior Championships at Williams, and a 4th at Bjaaland previously this season, the St. Lawrence Carnival were the highlights of the year for Gillette.

Only 3 racers from the East fin-

ished ahead of Bjaaland, as Western skiers dominated the meet. The University of Denver won the overall competition, with Wyoming 2nd and Dartmouth 3rd. Matz

Jenssen of Utah was chosen as turned in good times this year.

Bjaaland led Nordic

Bjaaland's outstanding performances led the Nordic skiers to a fine season, topped by a first place at the Intermediates at Norwich. Co-captains Dick Haberman '67 and Paavo Pyykkonen '67 also

Doug Cale '69 represents a hope for the future in the cross-country.

The Alpine team did not fare quite so well this winter. However, Rik Anderson, '69, was bothered by injuries. Anderson, a standout as a freshman, is expected to do a lot better next season. Hans Fritzvold '68 and Pete Kern '69 also return. The team will lose its best jumper in Bjaaland, leaving Fritzvold to carry the load.

It is certain that Bjaaland, the outstanding Tech skier for the past three seasons, will be sorely missed. Coach Bill Morrison hopes his sophomores and juniors will maintain the good record Helge helped establish in the cross-country.

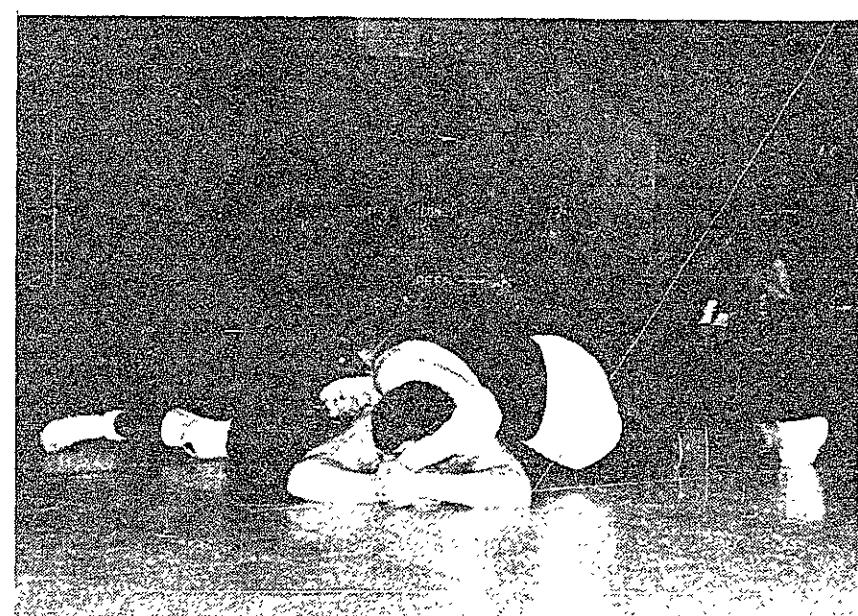


Photo by Mike Venturino

Dave Schramm '67 racks up points in the finals of his heavyweight match with Wesleyan's Dusty Carter. Schramm went on to his second straight New England title with a 7-2 win, but the grapplers could only finish fifth.

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Wrestlers take fifth in NE; Schramm heavy titlist

By Arm Varteressian

Led by Dave Schramm '67 and Bill Harris '68, the Tech grapplers placed 5th in the recent New England Championships held at Tufts. Captain Schramm repeated last year's championship performance at heavyweight, while Harris placed second in the 123-pound class.

After drawing a bye in the first round, Harris came up against Dave Patrick of Wesleyan, and dispatched him with a third period pin. Bill made his way into the finals by defeating Dick Whipple of Brown in a close 4-3 decision. In the finals, matched with defending champ Bob Long of Coast Guard, Bill came out on the short end of a decision, taking second place. Long will travel to the National Championships to be held at Kent State University in Ohio March 23, 24, and 25.

Schramm defends title

Dave Schramm had little trouble defending his title as New England unlimited class champion. In the first round, Dave set a New England record for the quickest pin, putting Paul Marcellle of Lowell State to the mat in eighteen seconds. In the second round, Dave racked up two minutes riding time in addition to a takedown and reversal to beat Giff Foley of Dartmouth 6-0. In the finals, Dave polished off Dusty Carter of Wesleyan, last year's freshman champ, 7-2 to keep his title. Both Dave and Harris will travel to the Nationals in two weeks. Repeating as champs along with Schramm and Coast Guard's Long were: Reed of Wesleyan at 145, Waligunda of Springfield at 152, Peraino, Doss, and Logan of Springfield at 160, 167, and 177.

Springfield added another to their endless string of New England championships, running away with this year's meet with 109 points. Second was Coast Guard (66), followed by Brown (52), Wesleyan (45), MIT (31), and Amherst (28).

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